

US EPA ARCHIVE DOCUMENT

EFFICACY REVIEW

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TYPE PRODUCT(S): (I), D, H, F, N, R, S

DATA ACCESSION NO(S). 423999-01; D180823; S422155; Case#010938; Action Code:310

PRODUCT MGR. NO. 13-LaRocca/LeMaster

PRODUCT NAME(S) Whitmire Avert[®] PT 300 Pressurized Bait

COMPANY NAME Whitmire Research Laboratories, Incorporated

SUBMISSION PURPOSE Provide performance data in form of reprint article supporting effectiveness of abamectin bait against pyrethroid-resistant cockroaches.

CHEMICAL & FORMULATION Abamectin B₁ [A mixture of avermectins containing 80% avermectin B_{1a} (5-O-demethyl avermectin A_{1a}) and 20% avermectin B_{1b} (5-O-demethyl-25-de(1-methylpropyl)-25-(1-methylethyl) avermectin A_{1a})] 0.01%

CONCLUSIONS & RECOMMENDATIONS The data presented in EPA Accession (MRTD) Number 423999-01, being in the form of a reprint article which meets the requirements of § 95-11(b)(1)-(4) and (6) on p. 268 and the standard of § 95-11(c)(3)(a) and (b) on pp. 270-1 of the Product Performance Guidelines with respect to laboratory testing of baits, are adequate to demonstrate effectiveness of abamectin in bait form against resistant populations of the German cockroach obtained from several localities in which resistant cockroach populations have been found, and to demonstrate effectiveness of abamectin against pyrethroid-resistant cockroaches, thereby establishing the addition of pyrethroid-resistant to the list of cockroach strains resistant to commonly used household insecticides which the subject product will control, to the label.

RL Vern L. McFarland, IRB